

**Use of Montana Highway Bridge Structures by Bats (MDT Project #8159):  
a Quarterly Report (31 January 2005)**

submitted by:  
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The work conducted between 1 October and 31 December 2004 under this contract was devoted to field preparation and visits to the day roosts found and monitored in 2003. Expenses charged to the project during this past quarter (\$2,229.08) were applied to salaries and benefits, travel, communications, and overhead.

A breakdown of expenses follows, showing the total expenses in each category to date ("Previously billed"), and expenses charged this quarter, between 1 October and 31 December 2004 ("Billable amount this period").

**BUDGET**

	<b>Budget</b>	<b>Balance available</b>	<b>Total Expended: as of 12/31/04</b>	<b>Previously billed</b>	<b>Billable amount this period</b>
<b>Salaries</b>	21,885.00	(130.32)	22,015.32	20,870.44	1,144.88
<b>Benefits</b>	13,992.00	5,782.96	8,209.04	7,751.09	457.95
<b>Sub-total</b>	35,877.00	5,652.64	30,224.36	28,621.53	1,602.83
<b>Travel</b>	3,827.00	(2,399.79)	6,226.79	5,930.13	296.66
<b>Supplies</b>	4,576.00	1,502.03	3,073.97	3,073.97	---
<b>Contractual</b>	300.00	300.00	---	---	---
<b>Training</b>	1,326.00	1,326.00	---	---	---
<b>Communications</b>	60.00	(409.89)	469.89	457.76	12.13
<b>Printing</b>	400.00	390.00	10.00	10.00	---
<b>Other</b>	200.00	(10.00)	210.00	210.00	---
<b>Subtotal</b>	10,689.00	698.35	9,990.65	9,671.86	318.79
<b>Total Direct</b>	46,566.00	6350.99	40,215.01	38,293.39	1,921.62
<b>Indirect Costs</b>	7,451.00	1,016.60	6,434.40	6,126.94	307.46
<b>Total Reportable</b>	54,017.00	7,367.59	46,649.41	44,420.33	2,229.08

Accomplishments: This quarter was devoted to an additional revisit to the day roosts found in 2003 (visits occurred on 1 October), and some analysis of 2004 data as well as development of a presentation of the results for professional meetings. During the October bridge checks, three bridges were still occupied, but only by 4 bats total. Of these three occupied bridges, two were maternity colony structures (one each of Big Brown Bat and Little Brown Myotis), the same maternity colony sites used previously in 2003 and 2004.

Summary: The October 2004 visit to the 2003 roosts represent the fourth of four summer-autumn trips in 2004 to these roost structures. Results of the 2004 roost monitoring will be incorporated into a modified final report, the bulk of which is already completed. Expenditures for this quarter of the extension pertained to Site Surveys (Task 2), Analysis (Task 4), and report preparation/revision (Task 5) .